

EXHIBIT A

Inventory of Equipment and Software

Name of System: CFDLAB Computer Systems (CMSB) Location Building 1192E

System and IT Security Administration Required X Information Category: MSN BRT X SER ADM PUB

Hours of operation 7:30AM – 5:30PM M-F (except Federal holidays and Center closures)

LaRC Line Manager Org. Code RBC Point of Contact

1 ECN	2 Description	3 HM	4 SSA	5 System Software	6 SSM	7 Applications Software	8 AM	9 Database Software	10 DBA
						SGI Standard Software: Acroread, Ensight, FAST, Fieldview, FrameMaker, Gridgen, iSIGHT, Maple, Matlab, Netscape, Solid_Mesh, TecPlot, TrueChange Sun Standard Software: Acroread, Fieldview, FrameMaker, iSIGHT, Matlab, Netscape, TecPlot, TrueChange			
1876694	aamber: SGI Origin 2000 32 x 250MHz R10000 processors		X	Irix 6.5 FORTRAN and C/C++ compilers and licenses	X	SGI Standard Software, Vgrid, Purify	1		
2009044	aambsgi: SGI Octane 2 x 360 MHz R12000 V6		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software, Patran.	1		
2009043	aamb6: SGI Octane 2 x 360 MHz R12000 V6		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
2009042	aamb7: SGI Octane 2 x 360 MHz R12000 V6		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1879050	kajo: SGI Octane 2 x 300 MHz R12000 ESI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		

1882489	cmb28: SGI Octane 2 x 270 MHz R12000 ESI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1882488	cmb32: SGI Octane 2 x 270 MHz R12000 ESI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1881109	eureka: SGI Octane 2 x 250 MHz R10000 ESI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1877544	aamb11: SGI Octane 2 x 250 MHz R10000 SI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1877564	fmcb13: SGI Octane 2 x 250 MHz R10000 SI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1879284	cmb49: SGI Octane 2 x 225 MHz R10000 ESI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1879285	cmb35: SGI Octane 2 x 225 MHz R10000 ESI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1880491	cmb41: SGI Octane 2 x 225 MHz R10000 ESI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1874324	tab31: SGI Octane 2 x 195 MHz R10000 SSI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1874323	aamb8: SGI Octane 2 x 195 MHz R10000 SSI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1742593	cmb15: SGI Octane 2 x 195 MHz R10000 SI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1742592	cmb17: SGI Octane 2 x 195 MHz R10000 SI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1874698	aero54: SGI Octane 1 x 195 MHz R10000 SI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1426666	amb7: SGI Indigo 2 195 MHz R10000 MI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1261426	cfd14: SGI Indigo 2 195 MHz R10000 SI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1263393	amb14: SGI Indigo 2 195 MHz R10000 SI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1259394	tab22: SGI Indigo 2 195 MHz R10000 SI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		

1260888	fmc01: SGI Indigo 2 195 MHz R10000 SI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1428686	cmbdemo: SGI Indigo 2 75 MHz R8000 XZ		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1423808	cmb24: SGI Indigo 2 75 MHz R8000 XZ		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1427215	aamb10: SGI Indigo 2 250 MHz R4400 XZ		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1423804	cmb30: SGI Indigo 2 200 MHz R4400 XZ		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1423805	cmb20: SGI Indigo 2 200 MHz R4400 XZ		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1259333	aamb5: SGI Indigo 2 150 MHz R4400 EX		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1260790	cmb16: SGI Indigo 2 150 MHz R4400 XZ		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software, Xinet, print server	1		
1259334	amb11: SGI Indigo 2 150 MHz R4400 XZ		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1256354	cdf: Sun SS/10		X	SunOS 4.1.3 FORTRAN and C/C++ compilers	X	Sun Standard Software, Mathematica	1		
1880492	tab21: Sun Ultra 60		X	Solaris 2.7 FORTRAN and C/C++ compilers	X	Sun Standard Software, Macsyma	1		
1880494	cmb21: Sun Ultra 60		X	Solaris 2.7 FORTRAN and C/C++ compilers	X	Sun Standard Software	1		
1428997	tabdemo: Sun Ultra 140		X	Solaris 2.8 FORTRAN and C/C++ compilers. NIS master; mail server + pop/imap; Samba server; web server; pcnfs server.	X	SUNWspro (C,C++) + Framemaker licenses. Sun Standard Software, OptdesX, Acrobat.	1		
1428998	tab16: Sun Ultra 140		X	Solaris 2.8 FORTRAN and C/C++ compilers	X	Sun Standard Software, GEAR.	1		
1428999	cmb38: Sun Ultra 140		X	Solaris 2.7 FORTRAN and C/C++ compilers	X	Sun Standard Software	1		
1429000	cmsb02: Sun Ultra 140		X	Solaris 8 FORTRAN and C/C++ compilers	X	Sun Standard Software	1		

1429005	amb3: Sun Ultra 140		X	Solaris 2.8 FORTRAN and C/C++ compilers Big Brother Server	X	Big Brother system monitoring, MRTG stats, log reports archive	1		
1878244	Mac G3 266MHz		X	Mac OS/X	X		1		
None	Dr. Kong : 2xPIII 500		X	Windows NT Terminal Server, Citrix Metaframe. PC/MAC LAN	X	MS Office, Tecplot, Acrobat	1		
1881162	Quicksilver : PIII 550		X	Windows NT; MS Iiterix; VMware	X	MS Office; Adobe Photoshop; Adobe Acrobat; SmartDraw; Qualcom Eudora; Hummingbird Exceed & NFS Maestro	1		
1880147	kenpc		X	Windows 200; MS Iiterix; Vmware, FORTRAN compiler	X	MS Office; Adobe Photoshop; Adobe Acrobat; SmartDraw; Qualcom Eudora; Hummingbird Exceed & NFS Maestro, FieldView, MathType, TecPlot, Latex, Xemacs, WinZip, Adaptec CD writer	1		
2099405	fx : 1.7 GHz Intel P4		X	Red Hat Linux	X		1		
2099404	cfdl : 1.4 GHz AMD Athlon		X	Red Hat Linux/Windows 2000	X		1		
1875042	cmsb01: Dell 266 MHz P-II		X	Red Hat Linux	X		1		
2098668	watson1: Macintosh G4		X	Mc OS 9	X		1		
	Alpha Beowulf Clusters (22 processor Compaq XP- 1000 workstation clusters, switches)		X	Linux, MPI, Myrinet	X		1		
1873134	plasma: SGI O2 (located in Bldg. 1200, Rm. 207)		X	Irix 6.5 FORTRAN and C compilers	X	Netscape, printer drivers for HP LaserJet 4 and Tektronix Phaser 850, PVWave	1		
1431259	cmb13: SGI Indigo 2 250 MHz R4400 SI		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		

*Software upgrades to be procured by the Contractor.

ECN = Equipment Control Number

HM = Hardware Maintenance

SSA = System and IT Security Administration

SSM = System Software Management

AM = Applications Management

DBA = Database Administration

For column 4: Does not have to be checked if System and IT Security Administration is requested for the system as a whole.

Enter the security code to request for individual processors - but only if system and IT security administration for the system as a whole will not be provided by ConITS and the processor is administratively isolated from the rest of the system.

Enter "O" if another contractor (e.g. ODIN) will administer the individual processor. This precludes selecting HM and SSM.
For column 8: Enter 1 for COTS; 2 for non-COTS, not developed locally; 3 for software developed by or for LaRC.

EXHIBIT A

Inventory of Equipment and Software

Name of System: CFDLAB Computer Systems (MDOB) Location Building 1192E,D,C

System and IT Security Administration Required X Information Category: MSN BRT X SER ADM PUB

Hours of operation 7:30AM – 5:30PM M-F (except Federal holidays and Center closures)

LaRC Line Manager Org. Code RAE Point of Contact

1 ECN	2 Description	3 HM	4 SSA	5 System Software	6 SSM	7 Applications Software	8 AM	9 Database Software	10 DBA
						SGI Standard Software: Acroread, FAST, Fieldview, Gridgen, iSIGHT, Maple, Matlab, Netscape, TecPlot, TrueChange, NASTran, Patran, ADiFOR, ImageMagick, Java Developer Kit (JDK), Citrix ICA Client Sun Standard Software: Acroread, Fieldview, iSIGHT, Matlab, Netscape, TecPlot, TrueChange, NASTran, Patran, ADiFOR, ImageMagick, Java Developer Kit (JDK), Citrix ICA Client			
1885286	bigbang: SGI Origin 2000 8 x 250MHz R10000		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software, Purify	1		
1880827	lagrange: SGI Origin 2000 4 x 250 MHz R10000		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software, CADscript, IDEAS	1		
2009018	tab25: SGI Octane2 2 x 360 MHz R12000		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		

1879275	tab29: SGI Octane 2 x 225 MHz R10000		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software, Pro/E, Phoenix ModelCenter	1		
1876845	qwert: SGI Octane 2 x 250 MHz R10000		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software, Pro/E, DOT	1		
1742400	mdob12: SGI Octane 2 x 225 MHz R10000		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1430029	mdo53: SGI Indigo2 2 x 175 MHz R10000		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software, Pro/E	1		
1257344	cmb51: SGI Indigo2 2 x 195 MHz R10000		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1875242	tab11: SGI Octane2 2x400MHz R12000		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1259172	fmd13: SGI Indigo2 195 MHz R10000		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1879011	casper: SGI Origin 2000 2x250 MHz R10000		X	Irix 6.5 FORTRAN and C/C++ compilers	X	SGI Standard Software	1		
1425297	mdob11: Sun SS/20		X	Solaris 2 FORTRAN and C/C++ compilers	X	Sun Standard Software	1		
1429827	mdo51: Sun Ultra 170		X	Solaris 2 FORTRAN and C/C++ compilers	X	Sun Standard Software	1		
1430797	cfd11: Sun Ultra 170		X	Solaris 2 FORTRAN and C/C++ compilers	X	Sun Standard Software	1		
1431527	lulu: Sun Ultra 170		X	Solaris 2 FORTRAN and C/C++ compilers	X	Sun Standard Software	1		
2098306	tab15: SunBlade 1000		X	Solaris 2 FORTRAN and C/C++ compilers.	X	Sun Standard Software	1		
1871245	tab12: SunBlade 1000		X	Solaris 2 FORTRAN and C/C++ compilers.	X	Sun Standard Software, Phoenix Model Center	1		
1878654	mdo52: Sun Ultra 60		X	Solaris 2 FORTRAN and C/C++ compilers	X	Sun Standard Software	1		

1429826	amb15: Sun Ultra 170		X	Solaris 2.8 jumpstart server.	X	Sun Standard Software	1		
1431718	cmb48 : Sun Ultra 2		X	Solaris 2.8 FORTRAN and C/C++ compilers	X	Sun Standard Software	1		
1426457	ex: Sun Sparc 20		X	Solaris 2.8 FORTRAN and C/C++ compilers	X	Sun Standard Software	1		
1873897	frame: Sun Ultra 2		X	Solaris 2 FORTRAN and C/C++ compilers	X	Sun Standard Software	1		

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EXHIBIT A

Inventory of Equipment and Software

[See the [Instructions for Initiating Work under Con/ITS](#) for directions on how to complete this inventory. A separate table is required for each system for which services are required.]

Name of System: Computer Systems (FPCB) Location Building 1247A,B,D,H, Building 1214

System and IT Security Administration Required ☐ Information Category: MSN ☐ BRT ☒ SER ☐ ADM ☐ PUB ☐

Hours of operation 7:30AM – 5:30PM (except Federal holidays and Center closures)

LaRC Line Manager Org. Code RBD Point of Contact

1 ECN	2 Description	3 HM	4 SSA	5 System Software	6 SSM	7 Applications Software	8 AM	9 Database Software	10 DBA
1876833	Afc1: SGI Octane R12000 X 2 400 MHz		X	IRIX 6.5.6m, F77, c, gcc compilers	X	Tecplot 7.5, Gridgen 9.4, Ensign7, FAST, GridTool, Netscape, Matlab	1		
1256266	Bart7: SGI Indigo 2 R10000 195 MHz		X	IRIX 6.5.6m, no compilers	X	Tecplot 7.0, Fieldview 5.5, Netscape	1		
1423850	Bernouilli: SGI Indigo 2 R10000 195 MHz		X	IRIX 6.5.6m, gcc compiler	X	Tecplot 7.5, Gridgen 9.4, Ensign7, FAST, Netscape, Matlab	1		
1742625	Fmcb007: SGI Octane R12000 X 2 400 MHz		X	IRIX 6.5.4m, F90, c, gcc compiler	X	Tecplot 7.5, Gridgen 9.4, Ensign7, FAST, Netscape, Fieldview, Matlab	1		
1882764	Fmcb03: SGI Octane R12000 X 2 300 MHz		X	IRIX 6.5.6m, no compiler	X	Tecplot 7.5, Gridgen 9.4, Ensign7, FAST, Netscape, Matlab	1		
1742623	Fmcb08: SGI Octane R12000 X 2 300 MHz		X	IRIX 6.5.6m, no compiler	X	Tecplot 7.5, Gridgen 9.4, Ensign7, Fieldview6, FAST, Netscape, Matlab	1		
1877796	Fmcb20: SGI Octane		X	IRIX 6.5.4m, gcc	X	Tecplot 7.5, Gridgen 9.4, Ensign7, FAST, Netscape,	1		

	R12000 X 2 300 MHz			compiler		Matlab			
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1878073	Lfc3: SGI Octane R12000 X 2 400 MHz		X	IRIX 6.5.6m, F90, gcc compiler	X	Tecplot 7.5, Gridgen 9.4, Ensign7, Solid Mesh, Vgrid, FAST, GridTool, Netscape, Matlab	1		
1429088	Qttg1: SGI Indigo 2 R5000 150 MHz		X	IRIX 6.5.6m, no compiler	X	Tecplot 7.5, Gridgen 9.4, Ensign7, FAST, Netscape, Matlab	1		
1879051	Fmcb09, SGI		X	Irix	x	Tecplot 7.5, Gridgen 9.4, Ensign7, Solid Mesh, Vgrid, FAST, GridTool, Netscape, Matlab	1		
1430208	Fmcb00: Ultra-1 sun4u Sun Ultra 1 SBus (UltraSPARC 143MHz)		X	Ultra-1 sun4u Sun Ultra 1 SBus (UltraSPARC 143MHz), F90, gcc compiler	X	Backup server, Print server, Tecplot 7.0, Netscape, FAST, Amanda, LPR_ng	1		
1424341	Fmcb11: SPARCstation-5 microSPARC II at 85 MHz		X	SunOS 5.7 (Solaris 2.7), gcc compiler	X	NIS Server, Tecplot 7.0, Netscape, FAST	1		
1259141	Fpcb: Generic sun4m sparc SUNW, SPARCstation -LX		X	SunOS 5.7 (Solaris 2.7)	X	Web server, Apache, wu-ftp			
1259140	Fmad00: Generic_108528-02 sun4m sparc SUNW, SPARCstation -LX		X	SunOS 5.8 (Solaris 2.8)	X	Log server, Big Brother			
1883189	fmcbtn		X	PC	X	Labview, Netscape, Microsoft Office, Eudora, Tecplot, retrospect			
1881284	Branch Mac A211 Powermac G3		X	Mac OS	X	Labview, Netscape, Microsoft Office, retrospect			
1883627	aewmac: Powermac G4			Mac OS- Backups and consultation only					
1884071	Ben Ander's Mac:			Mac OS- Backups and					

	Powermac G4			consultation only					
1884072	Cathy's G4: Powermac G4			Mac OS- Backups and consultation only					
1882666	George's G3: Powermac G3			Mac OS- Backups and consultation only					
2008364	JohnL G4: Powermac G4			Mac OS- Backups and consultation only					
1882665	Kegerise G3: Powermac G3			Mac OS- Backups and consultation only					
1883622	Latunia's Mac (Pack): Powermac G4			Mac OS- Backups and consultation only					
1883628	LazosMac (lazos) Powermac G4			Mac OS- Backups and consultation only					
20083628	Normans' G3: Powermac G3			Mac OS- Backups and consultation only					
1883629	Ralph,s Mac Powermac G4			Mac OS- Backups and consultation only					
1884069	Renee's G4 Powermac G4			Mac OS- Backups and consultation only					
1883626	Rudy King's Mac Powermac G4			Mac OS- Backups and consultation only					
1884074	Rvjmac8500 (Jenkins) Powermac G4			Mac OS- Backups and consultation only					
1883621	S. Gorton: Powermac G4			Mac OS- Backups and consultation only					
1883602	Sally's Mac (Viken): Powermac G4			Mac OS- Backups and consultation only					
2008366	SPW G4 Powermac G4			Mac OS- Backups and consultation only					
1883623	Yao's Mac: Powermac G4			Mac OS- Backups and consultation only					
1879592	104D20x28: PC			PC- Backups and consultation only					
1881304	Arild's G3:			Mac OS- Backups and					

	Powermac G3			consultation only					
1879452	Fmcbadm Powermac G3, tape drive		X	Mac OS	X	Backup server, Retrospect			
1876601	Fmcbnt: PC			PC- Backups and consultation only					
1881889	HOTNT: PC			PC- Backups and consultation only					
1884073	Jones Computer: Powermac G4			Mac OS- Backups and consultation only					
1884070	mjwmac: Powermac G4			MAC OS-provide consultation only					
2099483	Bill's Macintosh: Powermac G4			MAC OS-provide consultation only					
1883624	KBP's Mac Powermac G4			MAC OS-provide consultation only					
1884075	Powermac G4			MAC OS-provide consultation only					
2008367	Powermac G4			MAC OS-provide consultation only					
1873020	FMCB Macintosh Server Powermac, tape drive		X	Mac OS	X	Backup Server, Retrospect		Maintain a Branch server with upgrades and other soft ware of interest to Branch	

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EXHIBIT A

Inventory of Equipment and Software

Name of System: HYPERWULF Location Building 1221, Room 220

System and IT Security Administration Required x Information Category: MSN BRT x SER ADM PUB

Hours of operation 7:30AM – 5:30PM M-F (except Federal holidays and Center closures)

LaRC Line Manager Org. Code RBI Point of Contact

1 ECN	2 Description	3 HM	4 SSA	5 System Software	6 SSM	7 Applications Software	8 AM	9 Database Software	10 DBA
	40 proc. DEC Alpha Beowulf			Redhat Linux 7.0, 7.1 op. sys.	x	VULCAN	3		
	With attached switches,			DEC Alpha Linux FORTRAN 90	x	GASP	1		
	backup tape library, UPS,			Compiler, Tcl/Tk, Lahey Fujitsu	x	Tecplot	1		
	and router			FORTTRAN 90 compiler,		Time Navigator	1		

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